



## THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of:

Attorney Docket No.: 45545.18.1

Jun-Ku Han, et al.

Application No.:

10/724,484

Examiner: Karl D. Easthom

Filed:

November 28, 2003

Group Art Unit: 2838

For: THERMISTOR HAVING SYMMETRICAL STRUCTURE

## SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. § 1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached Form PTO-1449. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom. Applicant also respectfully requests an initialed copy of Form PTO-1449 indicating such consideration be returned with the next Official Action, as set forth in MPEP 609.

This Information Disclosure Statement is being filed before the mailing date of a first Office Action after the filing of a Request for Continued Examination under 37 C.F.R. § 1.114, and constitutes the submission required by 37 C.F.R. 1.114(a).

Please credit or debit Deposit Account No. 06-1910 as needed to ensure consideration of the disclosed information.

Application No. 10/724,484

Applicant believes that the requirement for a concise explanation of the relevance of the non-English language references is fulfilled by the submission of an English-language abstract of each of the references filed herewith.

By submitting these references, Applicant does not admit that the references are prior art to or material to this application, and reserves the right to establish that any reference is not prior art. Applicant does not represent that the references have been reviewed in detail; there may be details in the references of which Applicant is unaware.

Respectfully submitted,

John Dolan

Registration No. 45,382

Customer No. 22859

Fredrikson & Byron, P.A. 200 South Sixth Street, Suite 4000 Minneapolis, MN 55402-1425 USA

Telephone: (612) 492-7000 Facsimile: (612) 492-7077

Please grant any extension of time necessary for entry; charge any fee due to Deposit Account No. 06-1910.

## CERTIFICATE OF MAILING

I hereby certify that this document is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450 on

Date of Deposit

Joyce Thomas

#3067647\1

MAR 2 1 2005

FORM PTO-1449 MODIFIED

## INFORMATION DISCLOSUR IN AN APPLICATION

APPLICATION NO.: 10/724,484 FILING DATE: Nov. 28, 2003

FIRST NAMED INVENTOR: Jun-Ku Han

**GROUP ART UNIT: 2838** 

						ET NO.: 45545.18.1	_
				ATENT DOCU			_
Examiner Initials	Cite No. <sup>1</sup>	Document No. Number-Kind Code <sup>2</sup>	Date MM-DD-YY		Patentee or Applicant ited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
							_
							_
							_
							_
				N PATENT DO			 _
Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)		Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		KR 1998-80414		11-25-1998			$\downarrow$
		JP 10-106808		04-24-1998		-	1
							_
							+
EXAMINER SIGNATURE					DATE CONSIDE	RED	

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant. Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. <sup>3</sup>Enter Office that issued the document by the twoletter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.